



EXPLANATION

①
INDEX NUMBER OF MEASURED SECTION SHOWN ON
PLATE 3 OF CRO MAP—Coal section measured at point
of triangle.

⑩
LINE OF COMPOSITE SECTION—Showing index number
of section shown on plate 3 of CRO map. Composite
section is based on nearby coal bed thickness measurements.

● GL 3440
NR 241
R 10+
OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

②
GL 3690
R 46
C 25(Rb)
R 109
C 13(R)
R 10+
COAL TEST HOLE—Showing index number of hole on plate 3
of CRO map and drill-hole data, in feet.

GL—Ground elevation
NR—No record
R—Rock interval
C—Coal interval
TD—Total depth
DRILL-HOLE DATA SYMBOLS

Rb—Rosebud
L—Local
SC—Stoker Creek
R—Robinson
COAL BED SYMBOLS AND NAMES

C 14.3+(Rb)
R 10
C 1.7+(Rb) Rb
TRACE OF COAL BED OUTCROP—Dashed where approxi-
mately located; short dashed where inferred. Showing
thickness of coal, or coal-rock interval, in feet, measured
at triangle. Where a thickness fraction is shown, it indi-
cates the net coal thickness (upper number) and net
partings thickness (lower number). Letters designate the
name of the coal bed as listed above. Arrow points toward
coal-bearing area. Trace of coal outcrop has been modified
from Rogers and Lee (1923, pl. 11) and Tudor (1975, fig. 3)
to fit modern topographic map.

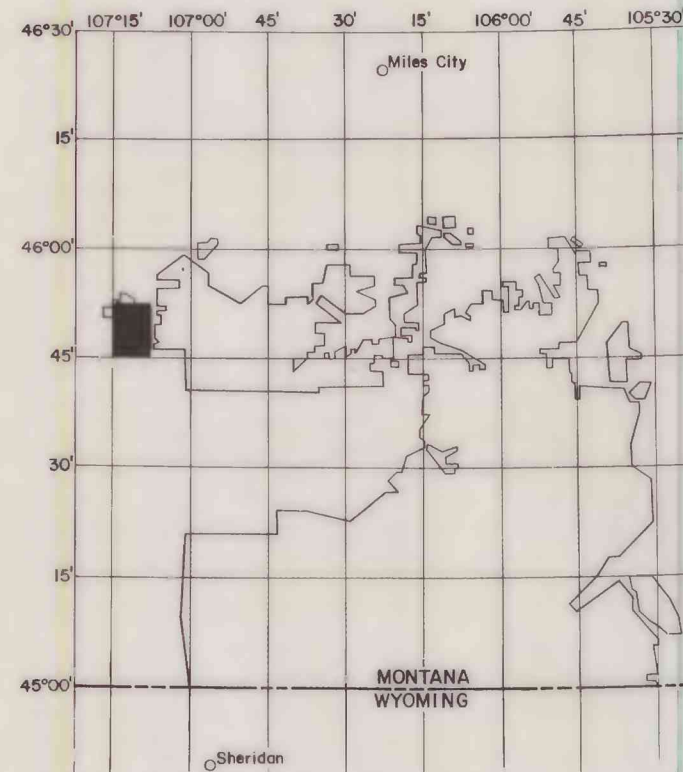
BURNED AND CLINKERED COAL BED—Showing area of
baked and fused rock (v symbol). Dotted line indicates the
inferred limit of burning.

U
D
FAULT—Dashed where approximately located. U, upthrown
side; D, downthrown side.

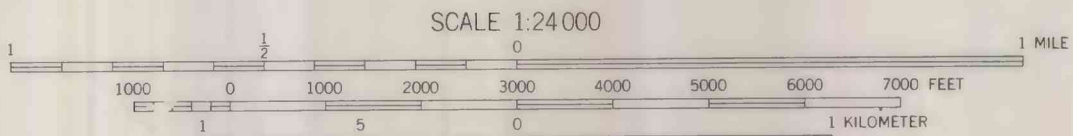
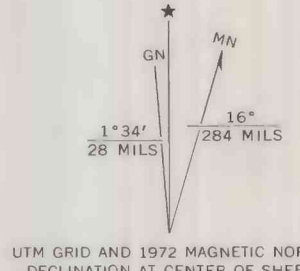
To convert feet to meters, multiply feet by 0.3048.

REFERENCE FOR NONINDEXED DATA POINTS

Rogers, G. S., and Lee, W., 1923, Geology of the Tullock coal
field, Rosebud and Big Horn Counties, Montana: U.S.
Geol. Survey Bull. 749, 181 p.



INDEX MAP—Showing location of the Iron Spring SW
quadrangle and the Northern Powder River Basin Known
Recoverable Coal Resource Area (stippled), Montana



COAL RESOURCE OCCURRENCE MAP OF THE IRON SPRING SW
QUADRANGLE, BIG HORN COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1978